

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371</b>		Attorney Docket No. W51.12-0016				
		U.S. Application No. <b>10/506521</b>				
INTERNATIONAL APPLICATION PCT/FR03/00679	INTERNATIONAL FILING DATE 03 March 2003 (03.03.2003)	PRIORITY DATE CLAIMED 4 March 2002				
TITLE OF INVENTION METHOD FOR PROCESSING A SIGNAL USING AN APPROXIMATE MAP ALGORITHM AND CORRESPONDING USES						
APPLICANT(S) FOR DO/EO/US ROUXEL, Alexandre						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (12) indicated below:</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendment to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>						
<b>Items 11 to 20 below concern document(s) or information included:</b>						
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and .198.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">a. <input checked="" type="checkbox"/> Copy of Search Report.</td> <td style="width: 50%;">b. <input type="checkbox"/> Abstract typed on a separate page.</td> </tr> <tr> <td>c. <input checked="" type="checkbox"/> <u>4</u> sheets of drawings.</td> <td>d. <input type="checkbox"/> International Preliminary Examination Report.</td> </tr> </table> </li> </ol>			a. <input checked="" type="checkbox"/> Copy of Search Report.	b. <input type="checkbox"/> Abstract typed on a separate page.	c. <input checked="" type="checkbox"/> <u>4</u> sheets of drawings.	d. <input type="checkbox"/> International Preliminary Examination Report.
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c. <input checked="" type="checkbox"/> <u>4</u> sheets of drawings.	d. <input type="checkbox"/> International Preliminary Examination Report.					

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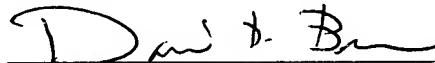
U.S. APPLICATION NO. <b>10/506521</b>		INTERNATIONAL APPLICATION NO. PCT/FR03/00679		ATTORNEY'S DOCKET NUMBER W51.12-0016	
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492(A)(1)-(5)):</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$920.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$770.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO But all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$730.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00				CALCULATIONS    PTO USE ONLY	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT    =</b>				\$920.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total claims	24 - 20 =	5	X \$18.00	\$90.00	
Independent claims	2 - 3 =	0	X \$86.00	\$0.00	
MULTIPLE DEPENDENT CLAIM (S) (if applicable)			+ \$290.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS    =</b>				\$1010.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL    =</b>				\$1010.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f))				\$0.00	
<b>TOTAL NATIONAL FEE    =</b>				\$1010.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$0.00	
<b>TOTAL FEES ENCLOSED</b>				\$1010.00	
				Amount to be: refunded	\$
				charged	\$

- a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 23-1123 in the amount of \$\_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment,  
 to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included  
 on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (1.37(a) or (b)) must be filed and granted  
 to restore the application to pending status.

Send all correspondence to:

David D. Brush  
 WESTMAN, CHAMPLIN & KELLY, P.A.  
 Suite 1600 - International Centre  
 900 Second Avenue South  
 Minneapolis, MN 55402-3319



Signature  
 David D. Brush

Name  
 34,557  
 Registration Number